

traffic load threshold;

means, responsive to said predetermined threshold being exceeded, for identifying at least one of a plurality of mobile subscriber stations served by said cell for reassignment to another cell.

Cancel Claim 2.

6. The system for load balancing of claim 5 wherein said means for identifying further comprises:

means, responsive to said means for effecting, for reviewing the secondary criteria to determine whether additional handoffs of mobile subscriber stations to other cell sites is advisable.

7. A method of load balancing for wireless communication networks having a plurality of cells, each cell adapted to serve a plurality of mobile subscriber stations, comprising the steps of:

establishing, in response to receipt of a service request from a mobile subscriber station, a communication connection for said requesting mobile subscriber station via at least one of said plurality of cells;

determining when assignment of said mobile subscriber station to a cell results in a predetermined threshold being exceeded, comprising:

measuring a traffic load in said cell,

comparing said measured traffic load to a predetermined traffic load threshold;

identifying, in response to said predetermined threshold being exceeded, at least one of a plurality of mobile subscriber stations served by said cell for reassignment to another cell.

Cancel Claim 8.

12. The method of load balancing of claim 11 wherein said step of

identifying further comprises:

reviewing, in response to said step of effecting, the secondary criteria to determine whether additional handoffs of mobile subscriber stations to other cell sites is advisable.

13. A system for load balancing for wireless communication networks having a plurality of cells, each cell adapted to serve a plurality of mobile subscriber stations, comprising:

service request processing means, responsive to receipt of a service request from a mobile subscriber station, for establishing a communication connection for said requesting mobile subscriber station via at least one of said plurality of cells;

traffic load determining means for determining when assignment of said mobile subscriber station to a cell results in a predetermined threshold being exceeded, comprising:

traffic load measurement means for measuring a traffic load in said cell,

traffic threshold means for comparing said measured traffic load to a predetermined traffic load threshold;

subscriber class of service identification means, responsive to said predetermined threshold being exceeded, for identifying at least one of a plurality of mobile subscriber stations served by said cell for reassignment to another cell.

Cancel Claim 14.

18. The system for load balancing of claim 17 wherein said subscriber class of service identification means further comprises:

threshold review means, responsive to said handoff activation means, for reviewing the secondary criteria to determine whether additional handoffs of mobile subscriber stations to other cell sites is advisable.